A2575-1 5/1/83

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *APRIL* 29, 1983 **NO.** 17

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 04/29/83	Last Week Ending: 04/22/83	Last Year Week Ending: 04/30/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,941	11,905	11,740	+ 36	+ 201
Operable capacity	16,854	16,854	17,492	0	- 638
Percent operated	70.8	70.6	67.1		
Motor Gasoline					
Total motor gasoline production	6,396	6,359	6,020	+ 37	+ 376
Finished leaded motor gasoline production	2,871	2,833	*N/A*	+ 38	*N/A*
Finished unleaded motor gasoline production	3,525	3,526	*N/A*	- 1	*N/A*
Total motor gasoline stocks	224,888	225,045	227,940	- 157	- 3,052
Finished leaded motor gasoline stocks	91,052	91,563	*N/A*	- 511	*N/A*
Finished unleaded motor gasoline stocks	92,169	92,107	89,026	+ 62	+ 3,143
Distillate Fuel Oil					
Distillate fuel oil production	2,302	2,340	2,473	- 38	- 171
Distillate fuel oil stocks	107,797	112,919	111,688	- 5,122	- 3,891
Residual Fuel Oil					
Residual fuel oil production	1,049	1,021	1,096	+ 28	- 47
Residual fuel oil stocks	43,720	45,249	55,023	- 1,529	- 11,303
Imports					
Crude oil imports	2,682	3,171	2,518	- 489	+ 164
Product imports	1,605	1,230	1,442	+ 375	+ 163
Crude Oil Stocks					
Crude oil stocks	359,484	352,173	373,671	+ 7,311	- 14,187

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,203	979	1,013	1,569	64.6
Appal. No. 1	79	75	75	98	76.5
DISTRICT 1 TOTAL	1,282	1,054	1,088	1,667	65.3
Appal. No. 2	50	46	49	66	74.2
Ind., Ill., Ky.	1,908	1,842	1,869	2,399	77.9
Minn., Wis., Daks.	221	208	213	293	72.7
Okla., Kans., Mo.	739	628	636	858	74.1
DISTRICT 2 TOTAL	2,918	2,724	2,767	3,616	76.5
Inland Texas	512	448	474	592	80.1
Texas Gulf Coast	3,109	2,785	2,864	4,164	68.8
La. Gulf Coast	2,245	2,003	2,055	2,748	74.8
N. La. and Ark.	211	186	201	314	64.0
New Mexico	87	77	81	117	69.2
DISTRICT 3 TOTAL	6,164	5,499	5,675	7,935	71.5
DISTRICT 4 TOTAL	396	370	376	553	68.0
DISTRICT 5 TOTAL	2,184	2,001	2,035	3,083	66.0
TOTAL U.S.	12,944	11,648	11,941	16,854	70.8
TOTAL U.S. Weeks Ended:					
APR. 22, 1983	12,871	11,599	11,905	16,854	70.6
APR. 30, 1982	12,292	11,407	11,740	17,492	67.1
DISTRICTS 1–4 Weeks Ended:					
APR. 29, 1983	10,760	9,647	9,906	13,771	71.9
APR. 22, 1983	10,746	9,677	9,943	13,771	72.2
APR. 30, 1982	10,229	9,335	9,608	14,408	66.7

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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	561	238	323	16	6	254	145
Appal. No. 1	34	14	20	1	--	19	5
DISTRICT 1 TOTAL	595	252	343	17	6	273	150
Appal. No. 2	26	13	13	2	3	10	1
Ind., Ill., Ky.	1,169	513	656	16	104	299	41
Minn., Wis., Daks.	135	38	97	2	7	41	6
Okla., Kans., Mo.	384	256	128	6	35	166	9
DISTRICT 2 TOTAL	1,714	820	894	26	149	516	57
Inland Texas	223	113	110	28	30	101	19
Texas Gulf Coast	1,535	630	905	31	163	572	219
La. Gulf Coast	1,034	453	581	5	223	358	205
N. La. and Ark.	72	33	39	6	--	57	15
New Mexico	20	19	1	17	2	26	2
DISTRICT 3 TOTAL	2,884	1,248	1,636	87	418	1,114	460
DISTRICT 4 TOTAL	228	143	85	14	21	87	8
DISTRICT 5 TOTAL	975	408	567	43	254	312	374
TOTAL U.S.	6,396	2,871	3,525	187	848	2,302	1,049
TOTAL U.S. Weeks Ended:							
APR. 22, 1983	6,359	2,833	3,526	213	789	2,340	1,021
APR. 30, 1982	6,020	*N/A*	*N/A*	185	760	2,473	1,096
DISTRICTS 1-4 Weeks Ended:							
APR. 29, 1983	5,421	2,463	2,958	144	594	1,990	675
APR. 22, 1983	5,433	2,434	2,999	138	604	2,043	631
APR. 30, 1982	5,184	*N/A*	*N/A*	137	580	2,155	728

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
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STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,892	2,410	2,482	--	121	847	4,415	2,090	--
Central Atlantic	27,136	11,074	12,686	3,376	704	5,467	18,214	13,853	13,232
Lower Atlantic	28,160	14,800	13,041	319	242	4,253	11,645	2,702	499
DISTRICT 1 TOTAL	60,188	28,284	28,209	3,695	1,067	10,567	34,274	18,645	13,731
DISTRICT 2 TOTAL	66,399	28,315	27,650	10,434	1,432	7,913	34,057	3,996	20,129
DISTRICT 3 TOTAL	63,713	22,507	24,000	17,206	2,479	10,652	26,235	11,579	51,769
DISTRICT 4 TOTAL	8,608	3,270	1,855	3,483	287	689	2,639	372	3,031
DISTRICT 5 TOTAL	25,980	8,676	10,455	6,849	1,569	6,026	10,592	9,128	26,669
TOTAL U.S.	224,888	91,052	92,169	41,667	6,834	35,847	107,797	43,720	115,329
TOTAL U.S.									
Weeks Ended:									
APR. 22, 1983	225,045	91,563	92,107	41,375	6,519	35,003	112,919	45,249	114,301
APR. 30, 1982	227,940	*N/A*	89,026	*N/A*	6,575	36,609	111,688	55,023	121,662
DISTRICTS 1-4									
Weeks Ended:									
APR. 29, 1983	198,908	82,376	81,714	34,818	5,265	29,821	97,205	34,592	88,660
APR. 22, 1983	198,853	82,410	81,556	34,887	4,994	28,773	101,965	36,006	86,843
APR. 30, 1982	201,878	*N/A*	80,280	*N/A*	5,120	29,772	99,826	45,165	94,033

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *APRIL* 29, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *DEC* 1982	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
APR. 29, 1983	5,881.4	5,821.0	2,348	273	271,791
APR. 22, 1983	5,881.4	--	3,134	198	264,856
APR. 15, 1983	5,881.4	--	2,236	172	266,846
APR. 8, 1983	5,881.4	--	2,189	190	264,781
DISTRICT 5 TOTAL					
APR. 29, 1983	2,829.0	2,780.0	334	14	87,693 *
APR. 22, 1983	2,829.0	--	37	7	87,317
APR. 15, 1983	2,829.0	--	106	8	89,629
APR. 8, 1983	2,829.0	--	131	--	86,027
TOTAL U.S.					
APR. 29, 1983	8,710.4	8,601.0	2,682	287	359,484 *
APR. 22, 1983	8,710.4	--	3,171	205	352,173
APR. 15, 1983	8,710.4	--	2,342	180	356,475
APR. 8, 1983	8,710.4	--	2,320	190	350,808
APR. 30, 1982	8,608.0/A	--	2,518	123	373,671

**INCLUDES 30,119 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

/A DOE ACTUAL FOR APRIL 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
APR. 29, 1983	16,323	81,858	158,796	14,814	271,791	87,693 *	359,484 *
APR. 22, 1983	16,726	80,063	152,972	15,095	264,856	87,317	352,173
APR. 30, 1982	19,839	83,497	164,802	15,324	283,462	90,209	373,671

[1]See definitional notes, Page 6.

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IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	170	--	--	--	170
Central Atlantic	84	28	56	--	26	51	407	--	2	71	641
Lower Atlantic	--	--	--	--	--	--	237	--	--	--	237
DISTRICT 1 TOTAL											
APR. 29, 1983	84	28	56	--	26	51	814	--	2	71	1,048
APR. 22, 1983	124	53	71	--	10	60	522	2	40	88	846
APR. 15, 1983	171	115	56	--	9	66	707	16	49	31	1,049
APR. 8, 1983	176	120	56	--	10	35	604	15	159	21	1,020
DISTRICTS 2–4 TOTAL											
APR. 29, 1983	10	10	--	--	--	--	36	240	73	100	459
APR. 22, 1983	33	33	--	--	4	4	36	66	103	75	321
APR. 15, 1983	26	22	4	--	--	--	98	180	68	79	451
APR. 8, 1983	4	4	--	--	--	--	91	203	113	118	529
DISTRICT 5 TOTAL											
APR. 29, 1983	65	57	8	--	3	7	11	4	--	8	98
APR. 22, 1983	32	25	7	--	3	6	13	2	--	7	63
APR. 15, 1983	25	18	7	--	--	6	11	16	--	11	69
APR. 8, 1983	21	14	7	--	--	7	11	15	--	5	59
TOTAL U.S.	159	95	64	--	29	58	861	244	75	179	1,605
TOTAL U.S. Weeks Ended:											
APR. 22, 1983	189	111	78	--	17	70	571	70	143	170	1,230
APR. 15, 1983	222	155	67	--	9	72	816	212	117	121	1,569
APR. 8, 1983	201	138	63	--	10	42	706	233	272	144	1,608
APR. 30, 1982	145	*N/A*	67	--	16	116	791	178	149	45	1,442

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

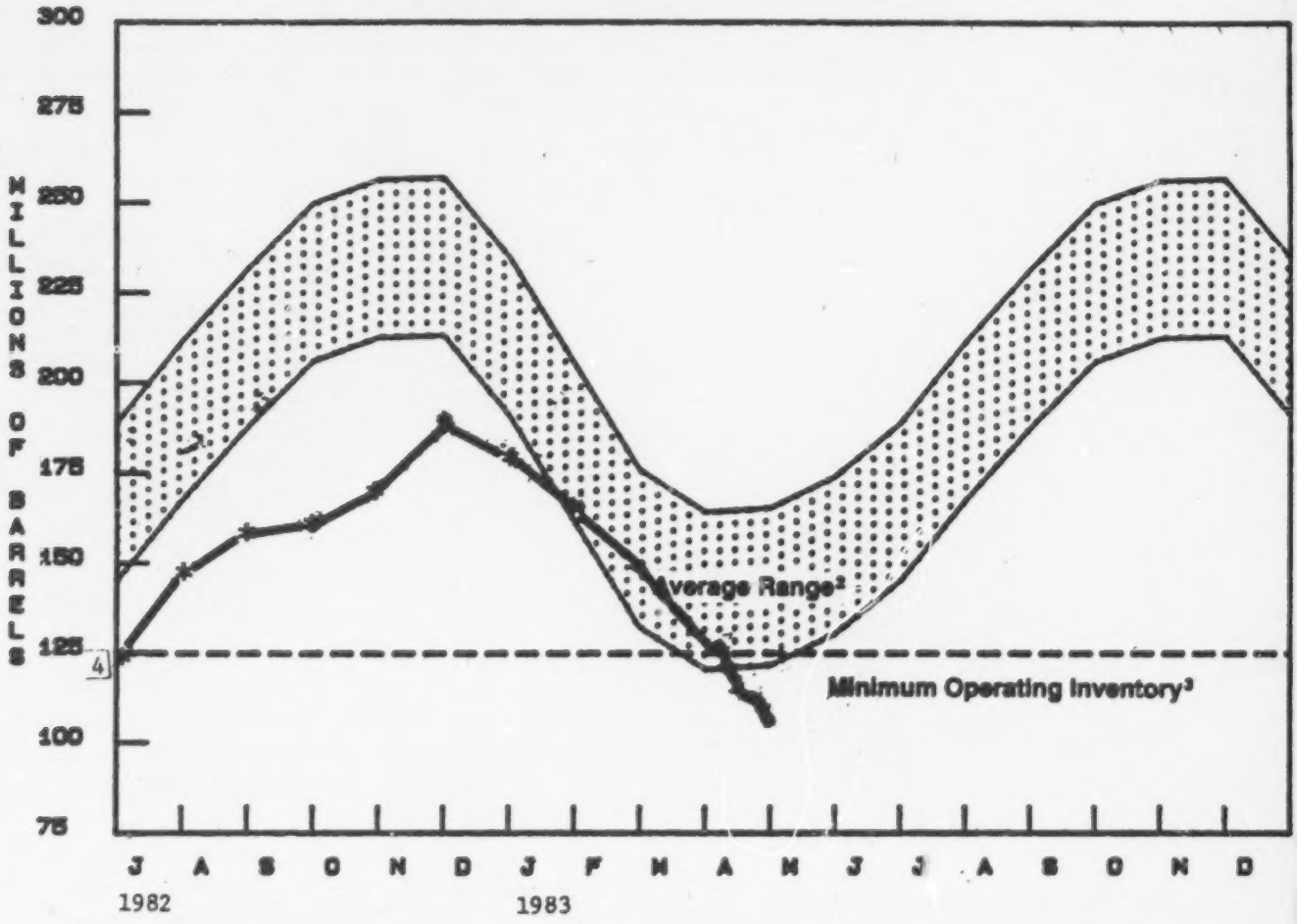
Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

Week Ended: April 29, 1983

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

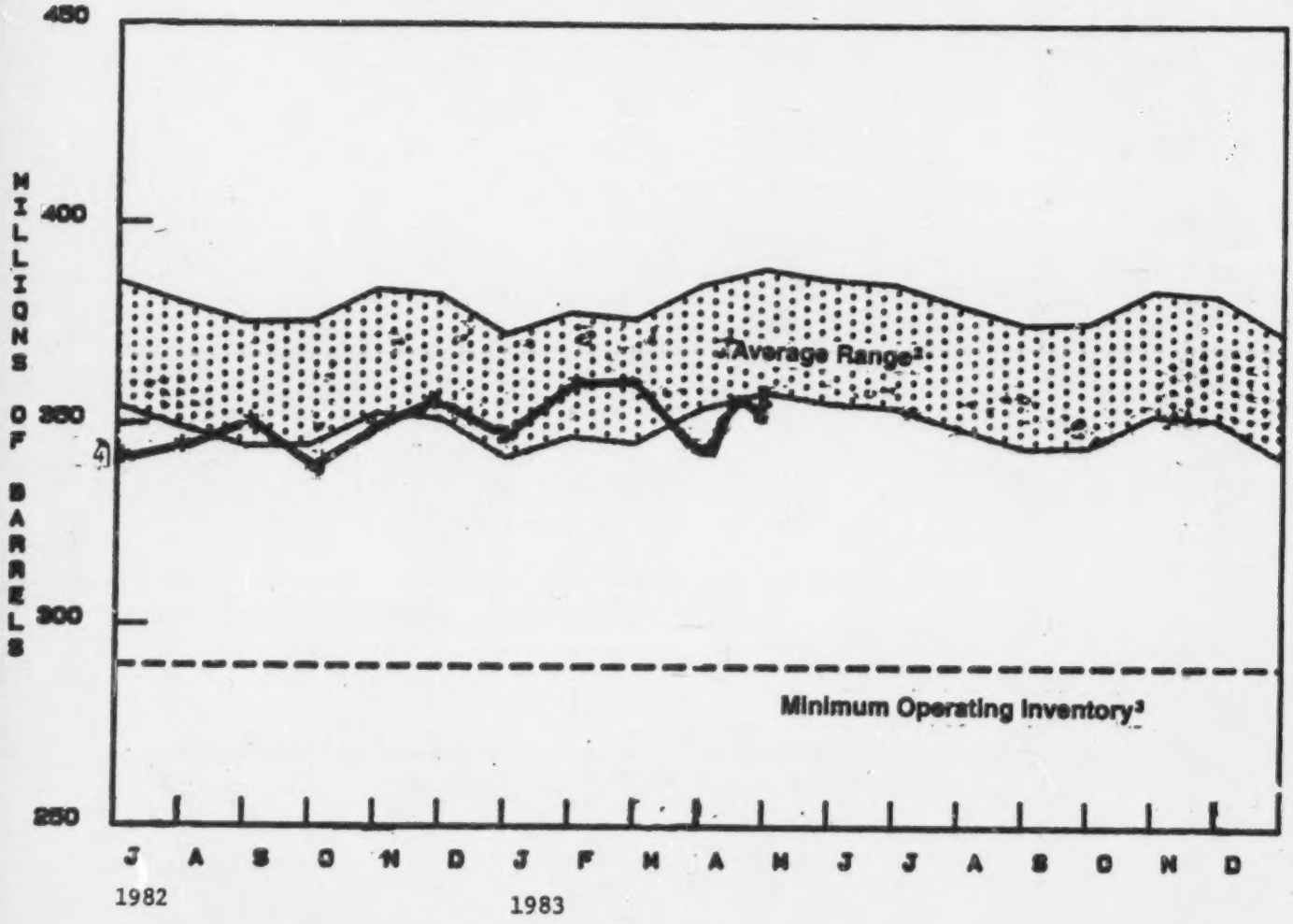
[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

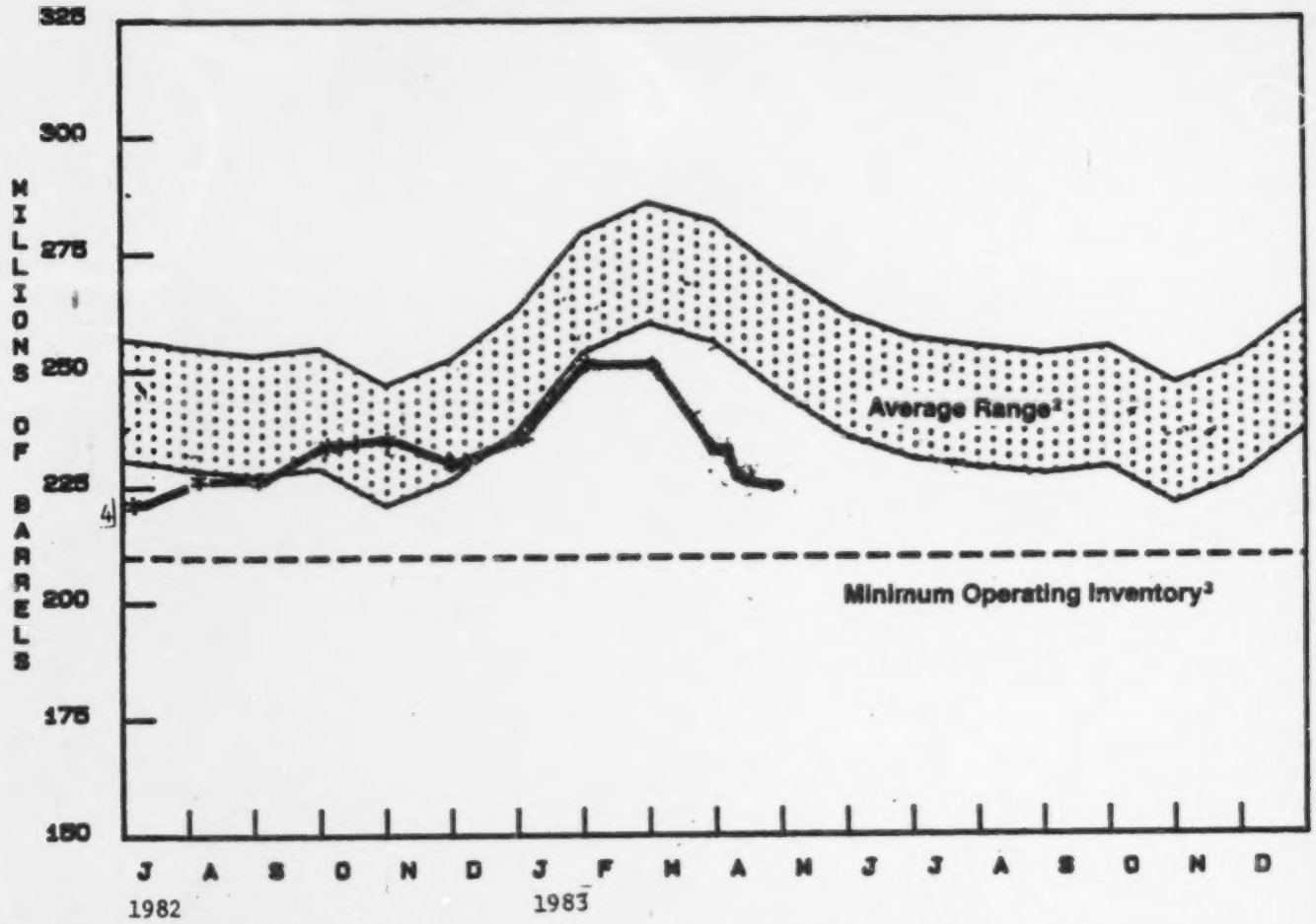
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended April 29, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

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